



KOREAN PATENT ABSTRACTS(KR)

Document Code:A

(11) Publication No.1020010105953

(43) Publication Date. 20011129

(21) Application No.1020000027087

(22) Application Date. 20000519

(51) IPC Code:

F25C 5/00

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(30) Priority:

(54) Title of Invention

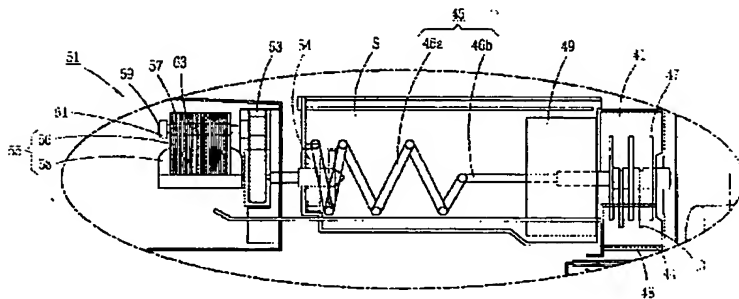
ICE DISPENSER FOR REFRIGERATOR

Representative drawing

(57) Abstract:

PURPOSE: An ice dispenser for refrigerator is provided to release ice pieces by rotating the driving motor in the direction opposite to the ice delivery direction, when ice crushing operation is stopped because of ice pieces inserted between the fixed blade and rotating blade of the ice crusher.

CONSTITUTION: An ice dispenser comprises an ice storage space(S); an ice storage bin having an ice crushing chamber(41) with a plurality of fixed blades for crushing ice; an ice delivery screw(45) installed to be rotatable within the ice storage bin, and which has a screw section(46a) for delivering ice to the ice crushing chamber, and a plurality of rotating blades(47) which cooperate with the fixed blades so as to crush ice; and a screw driving motor(51) coupled to the ice delivery screw in such a manner that the screw driving motor



rotates in the direction(A) for delivering the ice from the ice storage space to the ice crushing chamber, and in the direction opposite to the direction(A) when the ice delivery screw is constrained by the ice pieces inserted between the fixed blade and the rotating blade.

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